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PUB-NO: JP409052083A

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TITLE: APPARATUS FOR DESALINATING SEAWATER

PUBN-DATE: February 25, 1997

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APPL-NO: JP07208767

APPL-DATE: August 16, 1995

INT-CL (IPC): C02F 1/06; C02F 1/16

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain fresh water from seawater by evaporating seawater efficiently and stably utilizing low temperature waste heat.

SOLUTION: This seawater desalination apparatus uses hot seawater which is discharged from a condenser 1 of a steam turbine in an LNG thermal electric power station as hot seawater. An indirect heat exchanger 12 is installed in LNG delivery piping of the LNG thermal electric power station, and a cooling medium (R22) supplied to a fresh water condenser 5 is cooled by the heat exchange with delivered LNG.

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